

# EAST Search History

*JWS*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("WASHING MACHINE" OR "AUTOMATIC WASHER" OR "AUTOMATIC WASHERS") AND (CENTRIFUG\$4 OR SPIN\$4OR ROTAT\$4) AND (PULSATOR OR AGITATOR) AND (PLASTER OR LAYER OR BUNCH OR PRESS\$4 OR STUCK OR STICK\$4 OR PUSH\$4) AND RECIRCULAT\$4 AND (TUB OR BASKET OR DRUM) AND (OVERFLOW OR PENETRAT\$4 OR "PASS THROUGH"))).CLM.	US-PGPU B	OR	ON	2007/04/10 10:22

interior of the housing, the sudsing container cap 2 and the front wall 1 of the housing are connected in the marginal area of their loading openings by a folding bellows 7 made of EPDM of a Shore A hardness of 35 to 40. As seen in Fig. 1, a clamping ring 8 is formed on the plastic sudsing container cap 2 for accepting the rim 9 of the folding bellows 7 facing the sudsing container which is thereafter affixed to the ring by a clamping ring 10. Figs. 2 and 3 depict embodiments in which the folding bellows 7 is affixed to the lower surface of a bracket 5. In the area of the rim 11 of the loading opening the front wall 1 of the housing is flanged so that the rim 12 of the folding bellows 7 facing the housing may also be attached by a clamping ring 13.

A laundry deflector structured as an extension 15 is inserted into the gap formed between the drum rim 4 and the crease 14 of the folding bellows 7 directed towards the axis 6. The upper end 15 of the deflector extends to the height of a connecting line between the drum rim 4 and the upper margin of the crease 14, so that these three components are at least in part axially aligned. At its other end, the extension 15 is provided with a retaining element at least a part of which is extending in the direction of the bracket 5. Fig. 1 depicts a variant in which the retaining element is structured as an angular support ring 17. Its horizontal arm 18 at least partially engages the bracket 5; its vertical arm 19 supports an elastomeric component 20 of T-shaped cross-section and made of EPDM. By means of a slide connection (Fig. 1a), a threaded connection 21 (Fig. 1b) or a toothed snap connection 22 (Fig. 1c), the support ring may thus be moved in the direction of the axis 6, and the distance  $s$  between the upper end of the extension 15 and the drum rim 4 may thus be adjusted. Following alignment of the extension 15, the support ring 17 may be permanently affixed to the bracket 5 by a welded connection 23 (Fig. 1a), a safety screw 23 (Fig. 1b) or clamping ring 25 (Fig. 1c). Any combination of the alignment of the gap  $s$  and the permanent attachment is possible. In the case of a permanent attachment by a welding connection, the bracket 5 and the support ring 17 should consist of